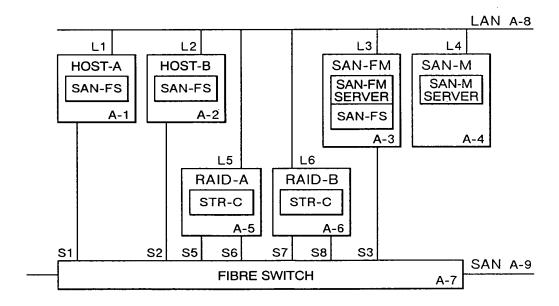
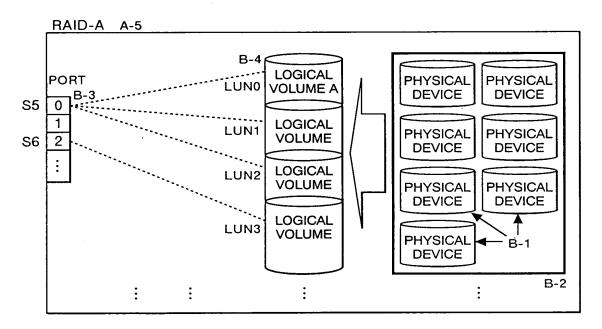
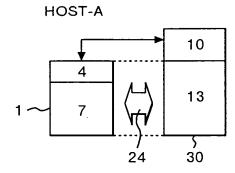
#### FILE STORAGE MANAGEMENT SYSTEM



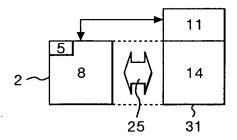
#### **RAID CONSTRUCTION**



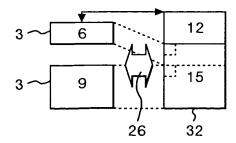
#### HOST SIDE



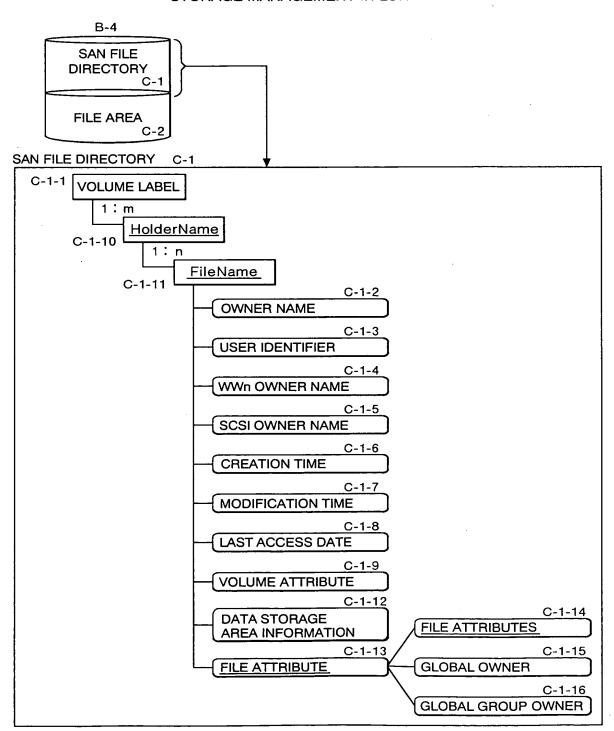
#### HOST-B



HOST-C



#### STORAGE MANAGEMENT IN LUN



SCSI

0101000000 1172L3 0101000001 1172L4

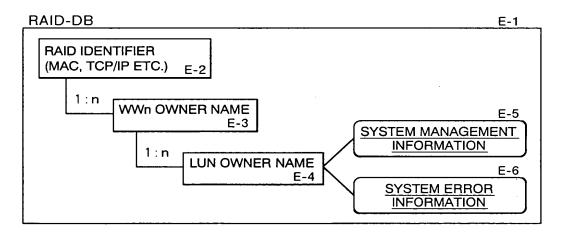
# FIG. 5

# ,

STORAGE MANAGEMENT IN LUN

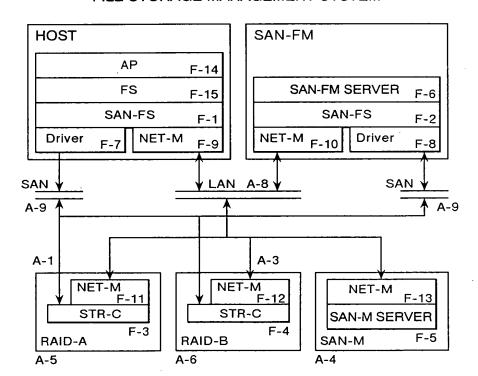
	WWn OWNER		0101000000	0101000001	
SAN FILE DIRECTORY (SAN-FD)	USER IDENTIFIER	HolderName	TTTT QQQQQ Holder-A	TTTA QQQQA Holder-B	
	OWNER USER NAME IDENT		'	•	
	VOLUME LABEL	VOLUME ATTRIBUTE	VOL1	VOL1 FFFFFFQ	
	FILE ATTRIBUTE	LAST VOLUME ACCESS DATE ATTRIBUTE	RARAR	RRRRA	
	FIIeName DATA STORAGE AREA FILE INFORMATION ATTRIBUTE	CREATION MODIFICATION LY	, k	` ^	
	FileName D	CREATION M	ssssssss hhhhhhh	sssssssa ht	•
D-1					

#### MANAGEMENT DB

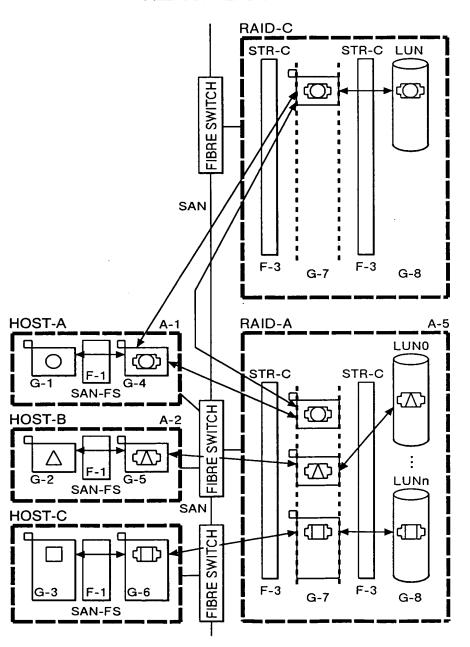


The first control of the first

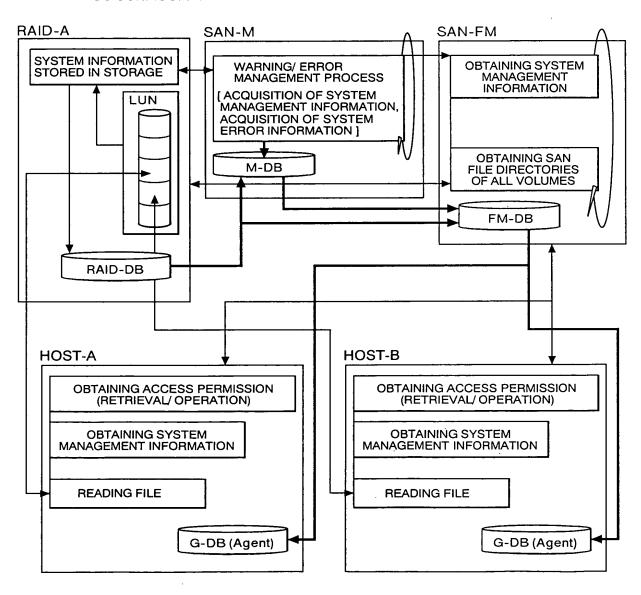
#### FILE STORAGE MANAGEMENT SYSTEM



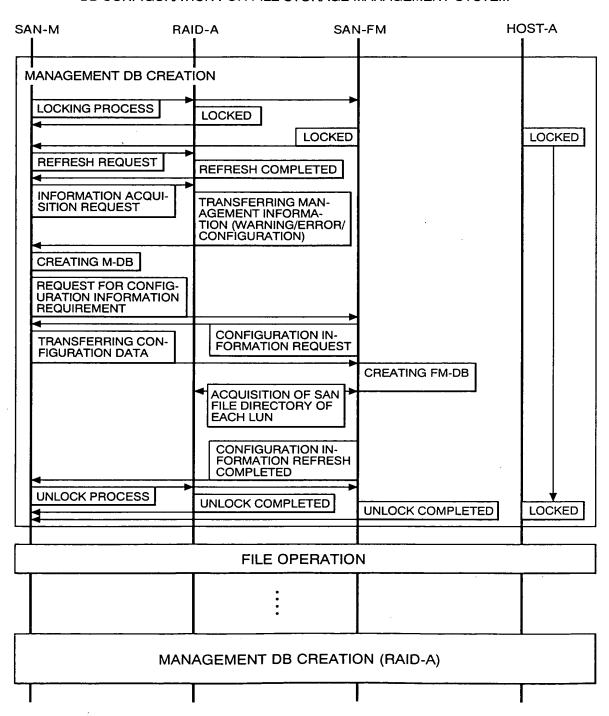
#### FILE CONVERSION FLOW



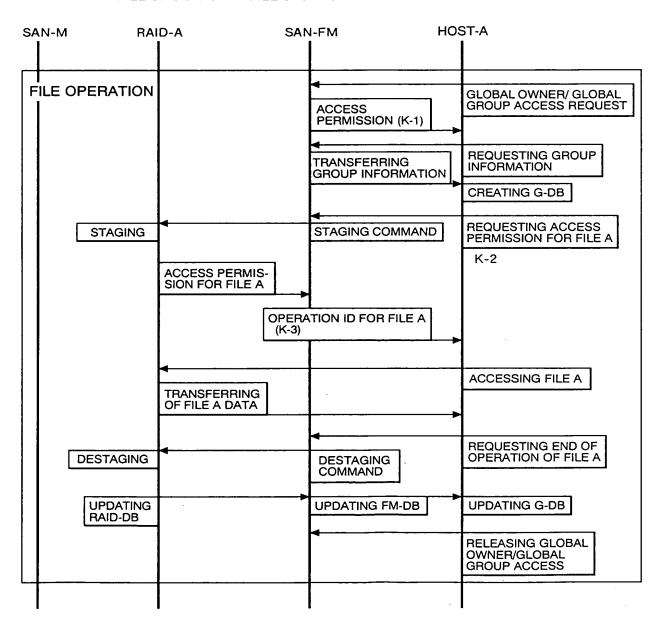
#### DB CONFIGURATION FOR FILE STORAGE MANAGEMENT SYSTEM



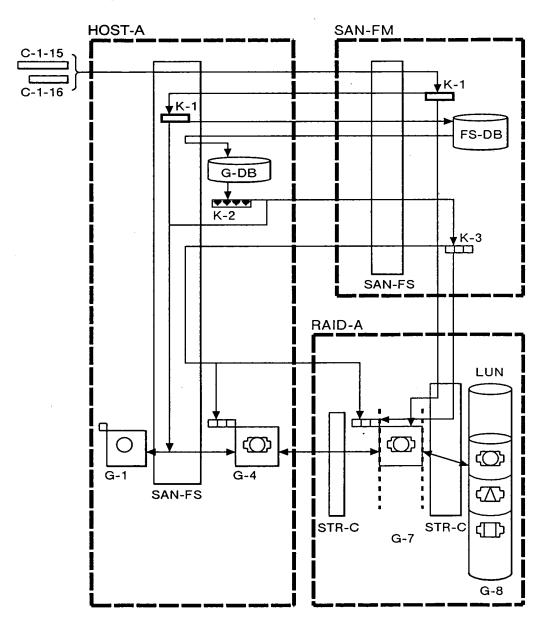
#### DB CONFIGURATION FOR FILE STORAGE MANAGEMENT SYSTEM



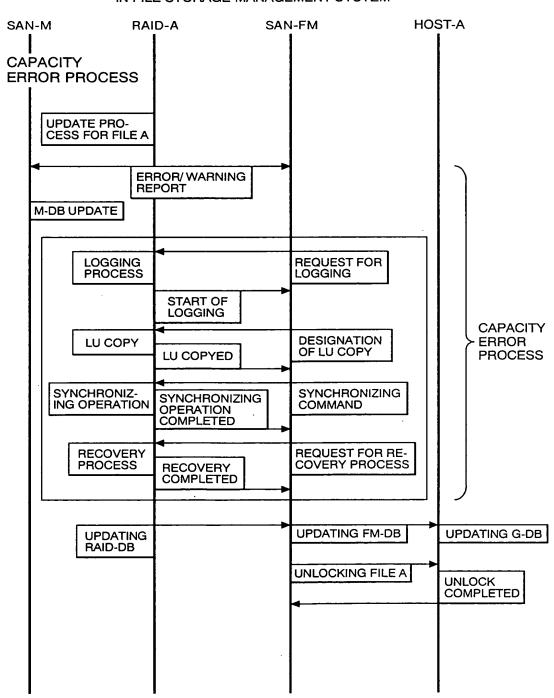
#### FILE OPERATION IN FILE STORAGE MANAGEMENT SYSTEM



#### FILE OPERATION OF FILE STORAGE MANAGEMENT SYSTEM



# CAPACITY ERROR RECOVERY PROCESS IN FILE STORAGE MANAGEMENT SYSTEM



#### CAPACITY ERROR RECOVERY PROCESS IN FILE STORAGE SYSTEM

